



JENKS & CATTELL

Engineering Limited

**METAL
STAMPING**



**LASER
FABRICATION**



**WELDED
ASSEMBLIES**



130+ YEARS EXPERIENCE | GLOBAL SUPPLIER

 **01902 305530**

 **www.jcel.co.uk**



MANUFACTURING VALUES

Jenks & Cattell Engineering Ltd is one of the longest established metal stamping manufacturers in the UK, providing various industries with high volume of small to large sized metal components.

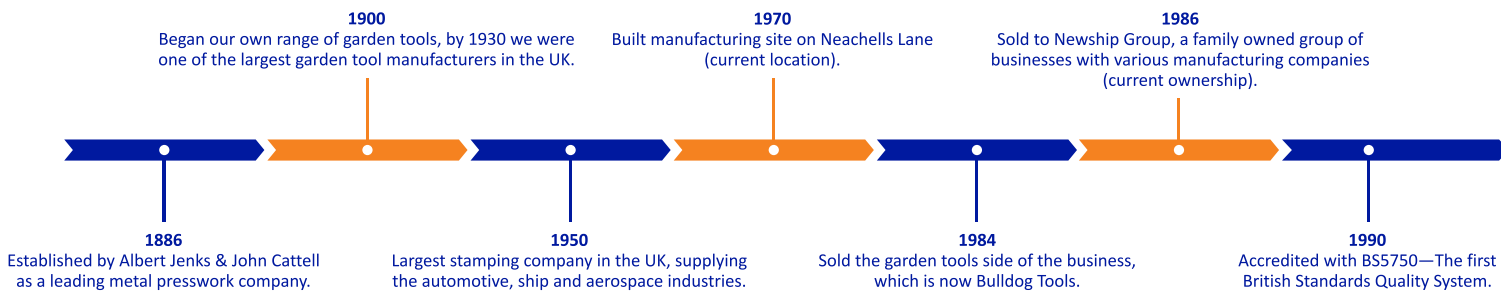
We pride ourselves on outstanding customer service and ensuring that our experienced team identify the most efficient manufacturing route for our customers' products.

We are privately owned by Newship Group with an annual turnover of circa £200M, we are in a position to continuously invest in personnel and state-of-the-art machinery.

Our aim is to support our customers' for the life-time of a project or product and maintain long-term business relationships.



OUR STORY





QUALITY FOCUS

ISO 9001:2015 Accreditation

- High quality products are of paramount importance to us and we are accredited with ISO 9001 quality standard.
- Defect prevention is our focus to ensure that components are produced right first time, every time.
- Our quality process follows automotive procedures, an industry which demands world-class levels of service and quality from their suppliers.
- All of our customers will receive their finished goods alongside dimensional report/ISIR, material certificate and a PPAP to level 3.

ISO 14001:2015 Accreditation

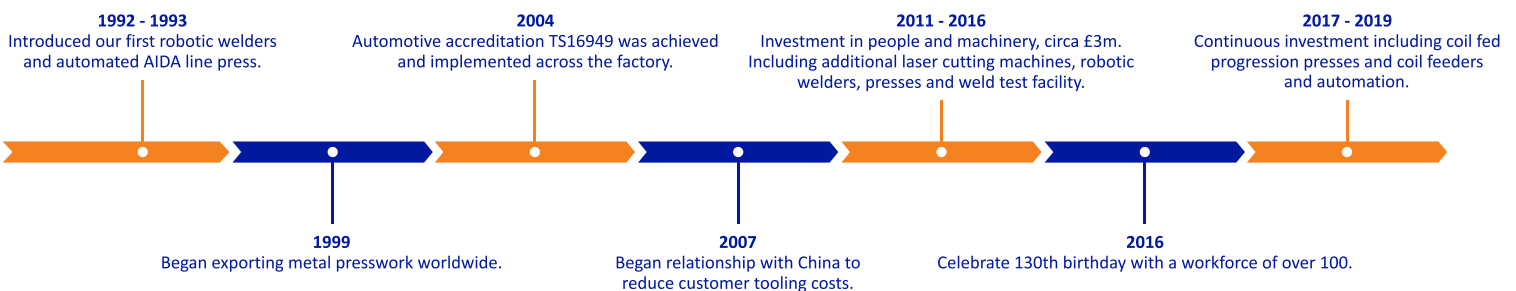
Our ISO 14001 accreditation confirms our commitment to improving the quality of our environment. It is our policy to control and reduce noise within and outside our site, reduce polluting emissions to a minimum and monitor the use of energy and raw materials. We ensure our suppliers have a similar environmental ethos.

Skilled Workforce and Machinery

Our workforce are the spine of Jenks & Cattell. We support each step of their training to ensure they have the growth they require individually and that they benefit from our customers' success and production expectations.

Manufacturing Quality

Mid-high volume pressings are manufactured to surpass customer PPM targets. Our tools offer excellent precision and quality is secured with purpose built checking fixtures at manufacturing stages. Security is provided with first off and last off parts being measured on our CMM, back to CAD drawings.





METAL STAMPING

We have over 130 years experience in providing high quality metal stampings. We utilise over 30 power presses ranging from 40 to 1000 tonnes with a pro-active team offering expert advise and feasibility design reviews.

Customers are offered a cost effective solution to meet their production requirements with our wide range of coil fed, transfer, pick and place and single operation presses.

Our pressing capability produces small to large pressed components of various complexity with hundreds of parts being manufactured per hour.



- Feasibility Design Review
- Project Review
- Material Optimisation
Suggestions Provided
- Capability & Tolerance
Assessment Carried Out
- Tool Manufacture
- Complete PPAP & ISIR

FEASIBILITY REVIEW TO PRODUCTION

Our project development team work closely with customers to reduce costs and components are designed to be manufactured with a focus on material optimisation.

Our engineers can review complex components and provide the most cost effective tooling manufacturing routes to customer specified budgets.

With a global customer base, we ensure communication is a core element of our production process, where we guarantee liaison of product progress and delivery information.

Customer schedules can be received via a variety of methods including EDI and we adhere to work to Just In Time methods of production to ensure demands and requirements are met.

Our factory operates on two shifts which enables us to meet volume requirements and adjust to any unscheduled increases in demand.



TOOLING

- Employ several tooling engineers with a footprint in China & UK.
- Experience in complex tool making.
- Offer manufacturing route and efficiency advice.
- Expertise allow customer savings on tooling and design in excess of 30%.
- Prototype tooling capability to test longevity of components and reduce issues prior to production.



Mild Steel - Copper - Brass - Stainless Steel - Aluminium - Spring Steel - High Strength Steel



LASER FABRICATION

Over £1.5m has been invested in our laser fabrication department, where we support our customers with development projects and lower volumes of under 5,000 components per year.

We operate two Trumpf lasers, accompanied with brake presses and a full welding capacity to complete sheet metal fabrications of all complexities.

A 24-7 service is available with our laser being able to manufacture customer components with no operator, which increases time efficiency and reduces labour cost.

Cost Effective Benefits:

Press tool expenditure is not required to manufacture complex assemblies, which saves an initial investment, where quality is assured with our lasers cutting any shape.

Part numbers, logos and any other markings on the components can be laser etched on steel up to 20mm thick.

We offer a complete sheet metal engineering service to save on 'manufacturing miles', including the provision of surface finishing, painting, plating and heat treatment.



- 24 Hour Production
- Prototype Development
- Cutting 20mm Thick Steel
- JIT Delivery Within 72 Hours
- Cost Effective
- Skilled Workforce



"Our laser cutting service offers a complete manufacturing & cost solution to develop prototypes through to production"

Nick George - Sales Director



WELDED ASSEMBLIES

Both our manual welding and robot welders produce multiple parts per minute, which offers our customers a short lead time and a very high quality part for production volumes.

Our Welding Team Offers:

Highly accurate components - each movement is precisely pre programmed.

Quality welding - the automation of the machine means every move is accurate and identical.

Fast production - the robotic welder can weld up to 5 components at one time.

Cost competitive - labour cost savings are achieved by using the machine.

Zurich approved manual welders in our team.

Welding mild steel, stainless steel and aluminium.

7 Zurich insurance approved weld procedures across MIG and pulse welding.

In-House macro weld test facility.



- Manual Welding
- Robotic Welding
- CD Welding
- Spot Welding
- Projection Welding
- Added Value: Clips, Nuts, Studs, Rivets, Springs

INDUSTRIES & EXPORT

Our range of subcontract engineering and manufacturing services are used by leading OEMs and we manufacture for various types of industry.

With 60% of our total sales being within the automotive and off-highway industry, we are also diverse in supplying the energy/off-shore, construction and agricultural markets.

Over 30% of total manufactured components are exported across Europe, the Americas and Asia.





JENKS & CATTELL

Engineering Limited

Central to your requirements

Jenks & Cattell Engineering Ltd are centrally located in the UK and have excellent transport networks of road, rail and freight, giving our customer a fast efficient service and meeting delivery requirements.

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PRESSWORK



LASER
FABRICATION



MANUAL
WELDING



ROBOTIC
WELDING



MECHANICAL
ASSEMBLIES



SURFACE
FINISHING



DELIVERY



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